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## ABSTRACT OF THE DISCLOSURE

2           A direct current brushless motor with axial winding and radial air-  
3       gap includes an upper housing and a lower housing each having a shaft seat  
4       defining an axial hole. A coil seat is mounted in the upper and lower housing.  
5       The poles of the upper and lower silicon steel plates are extended into the  
6       central hole of the coil seat, and are arranged in a staggered manner with each  
7       other. An insulating layer is provided in the upper and lower housings for  
8       isolating the circuit board and the upper housing and the lower housing. A  
9       rotor has a rotation shaft pivotally mounted in the axial hole of the upper  
10      housing and the lower housing. The rotor has a permanent magnet mating with  
11      the positions of the poles of the upper and lower silicon steel plates.